

腺苷 A2A 受体抗体

产品货号： mIR23634

英文名称： Adenosine Receptor A2a

中文名称： 腺苷 A2A 受体抗体

别名： Adenosine Receptor A2a; Adenosine A2A-R; A2AR; A2A adenosine receptor; A2AAR; A2aR; ADENO;
Adenosine A2 receptor; Adenosine A2a receptor; Adenosine receptor subtype A2a; Adenosine Receptor A2a;
ADORA 2; ADORA2; Adora2a; hA2aR; RDC 8; RDC8; AA2AR_HUMAN.

研究领域： 心血管 细胞生物 信号转导 细胞凋亡 转录调节因子

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用： WB=1:500-2000 ELISA=1:500-1000

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量：45kDa

细胞定位：细胞膜

性 状：Lyophilized or Liquid

浓 度：1mg/ml

免 疫 原：KLH conjugated synthetic peptide derived from human Adenosine Receptor A2a:321-412/412
<Cytoplasmic>

亚 型：IgG

纯化方法：affinity purified by Protein A

储 存 液：0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件：Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed：PubMed

产品介绍：This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor (GPCR) superfamily, which is subdivided into classes and subtypes. The receptors are seven-pass

transmembrane proteins that respond to extracellular cues and activate intracellular signal transduction pathways. This protein, an adenosine receptor of A2A subtype, uses adenosine as the preferred endogenous agonist and preferentially interacts with the G(s) and G(olf) family of G proteins to increase intracellular cAMP levels. It plays an important role in many biological functions, such as cardiac rhythm and circulation, cerebral and renal blood flow, immune function, pain regulation, and sleep. It has been implicated in pathophysiological conditions such as inflammatory diseases and neurodegenerative disorders. Alternative splicing results in multiple transcript variants. A read-through transcript composed of the upstream SPECC1L (sperm antigen with calponin homology and coiled-coil domains 1-like) and ADORA2A (adenosine A2a receptor) gene sequence has been identified, but it is thought to be non-coding. [provided by RefSeq, Jun 2013]

Function:

Receptor for adenosine. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.

Subunit:

Interacts (via cytoplasmic C-terminal domain) with USP4; the interaction is direct. May interact with DRD4.

Subcellular Location:

Cell membrane; Multi-pass membrane protein.

Similarity:

Belongs to the G-protein coupled receptor 1 family.

SWISS:

P29274

Gene ID:

135

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

